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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/051,964	01/16/2002	Harold Syring	B-4462 619456-4	1551

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EXAMINER

DUONG, HUNG V

ART UNIT	PAPER NUMBER
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2835

DATE MAILED: 01/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/051,964

Applicant(s)

SYRING ET AL.

Examiner

Hung v Duong

Art Unit

2835

AW

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-9 and 11 is/are rejected.
- 7) ☐ Claim(s) 4 and 10 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.

- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 6 are rejected under 35 U.S.C. 102(e) as being anticipated by Lu et al. (US Pat. 6,317,317).

Regarding claims 1, 6, Lu et al disclose in figures 1 and 3, a computer comprising: a chassis 64; a cradle 30, having a first aligning member 62, disposed on the chassis 64; and storage medium drive assembly 20, having a second aligning member 22 corresponding to the first aligning member 62, detachably disposed on the cradle 30 by the engagement between the first aligning member 62 and the second aligning member 22 at least one shock isolation member 32, 34 disposed between the cradle 30 and the chassis 64.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2-3, 5, 8-9, and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lu et al. (US Pat. 6,317,317) in view of Tsai (US Pat. 5,349,483).

Regarding claims 2-3, 5, 8-9, and 11 Lu et al disclose discloses all the subject matter of the claimed invention except for the storage medium drive assembly comprises: a carrier; a cable assembly disposed on the carrier; a backer board, wherein the second aligning member is disposed on the cable assembly; and a storage medium drive, disposed on the carrier, connecting to the cable assembly. However Tsai discloses the storage medium drive assembly comprises: a carrier 3; a cable assembly 341 disposed on the carrier 3; a backer board 23a, wherein the second aligning member is disposed on the cable assembly; and a storage medium drive, disposed on the carrier, connecting to the cable assembly. Therefore, it would be obvious to one of ordinary skill to modify a carrier; a cable assembly disposed on the carrier; a backer board, wherein the second aligning member is disposed on the cable assembly; and a storage medium drive, disposed on the carrier, connecting to the cable assembly of Tsai into Lu et al's storage medium drive as applicant's invention in order to connect the storage medium drive to the computer device.

Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Lu et al. (US Pat. 6,317,317) in view of Stolz et al (US Pat. 6,498,722).

Regarding claim 7, Lu et al disclose all the subject matter of the claimed invention except for isolation member is a rubber grommet. However Stolz et al disclose isolation member is a rubber grommet (column 2, lines 10-25). Therefore, it would be obvious to one of ordinary skill to modify isolation member is a rubber grommet of Stolz et al into Lu et al's isolation member as applicant's invention in order to improve the good in vibration damping.

Allowable Subject Matter

3. Claims 4, 10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: the prior art fails to show that the carrier is provided with at least one hook member to retain the backer board.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Shieh (US Pat. 5,519,571) teaches portable hard disk drive connector with control board.

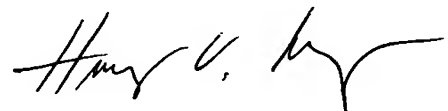
Chang (US 2003/0193775) teaches inner rack of a mobile rack in a computer.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung v Duong whose telephone number is 703- 308-4889. The examiner can normally be reached on 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on 703 308 4815. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308 0956.

HVD
12/23/03



Hung Duong
Patent Examiner.